

Title (en)  
Electronic device with standby mode

Title (de)  
Elektronische Vorrichtung mit Standby-Modus

Title (fr)  
Dispositif électronique avec mode d'attente

Publication  
**EP 2639927 A3 20131113 (EN)**

Application  
**EP 12162711 A 20120330**

Priority  
CN 201210068315 A 20120315

Abstract (en)  
[origin: EP2639927A2] An electronic device with standby state includes a MCU, a voltage conversion unit, a screen lock circuit, and a power-saving trigger circuit. The voltage conversion unit is connected to the MCU and is used to convert a power supply voltage to a suitable voltage to power the MCU. The screen lock circuit includes a switch, therein, the screen lock circuit is connected to the MCU and is used to lock or unlock the electronic device in response to an operation on the switch when the electronic device is in a work state. The power-saving trigger circuit is connected to the MCU, the voltage conversion unit, and the screen lock circuit, and is used to disable or enable the voltage conversion unit in response to the operation on the switch when the electronic device is in the standby state.

IPC 8 full level  
**H02J 9/00** (2006.01)

CPC (source: EP US)  
**G06F 1/3203** (2013.01 - US); **H02J 9/005** (2013.01 - EP US); **Y02B 70/30** (2013.01 - EP); **Y04S 20/20** (2013.01 - EP)

Citation (search report)  
• [A] US 2005041360 A1 20050224 - DETTWEILER DAVID A [US]  
• [A] US 6061528 A 20000509 - ICHIHARA YOSHIRO [JP], et al

Cited by  
CN109417206A; WO2023143527A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2639927 A2 20130918; EP 2639927 A3 20131113**; CN 103309249 A 20130918; JP 2013196693 A 20130930; TW 201337533 A 20130916;  
US 2013246822 A1 20130919; US 8990600 B2 20150324

DOCDB simple family (application)  
**EP 12162711 A 20120330**; CN 201210068315 A 20120315; JP 2013048811 A 20130312; TW 101109399 A 20120319;  
US 201213430706 A 20120327